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04/19/2004

WESTMAN CHAMPLIN & KELLY
 Suite 1600 - International Centre
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(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/688,764	10/16/2000	Li Deng	M61.12-0325	1585

TITLE OF INVENTION: METHOD OF NOISE REDUCTION USING CORRECTION AND SCALING VECTORS WITH PARTITIONING OF THE ACOUSTIC SPACE IN THE DOMAIN OF NOISY SPEECH

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	07/19/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
OPSASNICK, MICHAEL N	2655	704-233000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- 1 Theodore M. Magee,
- 2 WESTMAN, CHAMPLIN &
- 3 KELLY, P.A.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Microsoft Corporation

Redmond, Washington

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

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- ☐ Publication Fee
- ☐ Advance Order - # of Copies _____

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- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 23-1123 (enclose an extra copy of this form).

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(Authorized Signature) 	(Date) 5/20/04
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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.	
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TRANSMIT THIS FORM WITH FEE(S)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Li Deng et al.

Appln. No.: 09/688,764

Filed : October 16, 2000

For : METHOD AND NOISE REDUCTION
USING CORRECTION AND
SCALING VECTORS WITH
PARTITIONING OF THE
ACOUSTIC SPACE IN THE
DOMAIN OF NOISY SPEECH

Docket No.: M61.12-0325

Group Art Unit: 2655

Examiner:

M. Opsasnick

CERTIFICATE OF MAILING

Mail Stop Issue Fee

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith is our check in the amount of \$1,330.00 as payment of the Issue Fee in the above-identified application, along with the Issue Fee Transmittal.

In the event the attached check is unacceptable, or the check is omitted, or if there are any additional fees associated with this application, please charge the required fee or credit any overpayment to Deposit Account No. 23-1123.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 20, 2004.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

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TMM:sew